

Newhall Ranch EIR/EIS Santa Clarita Valley Buildout Off-Site Noise Conditions With Project Based on April 2007 Traffic Report

ALTERNATIVE D-1			Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix		
ROADWAY NAME Segment Land Us	T and I Ico								Medium Trucks	Heavy Trucks	dB(A) CNEL
beginerit Lance Of		Lanes	rriail!	Volume	(IIIpII)	Receptor	ractor	ub(A)	TTUCKS	Hucks	CINEL
MCBEAN PARKWAY											
e/o Interstate 5 (6	•	6	14	47,000	45	192	0.5	0	8.0%	2.0%	67.4
e/o Tournament Road (SFR)		6	14	34,000	45	59	0,5	-5	8.0%	2.0%	70،1
e/o Tournament Road (Church of Latter Day Saints)		6	14	34,000	45	114	0.5	0	8.0%	2.0%	69.6
s/o Valencia Boulevard (SFR)		6	14	45,000	45	61	0.5	-5	8.0%	2.0%	71.0
s/o Valencia Boulevard (MFR)		6	14	45,000	45	54	0.5	-5	8.0%	2.0%	72.4
s/o Valencia Boulevard (Hospital) n/o Newhall Ranch Road (SFR)		6	14	45,000	45	312	0.5	0	8.0%	2.0%	63.9
	anch Road (SFR)	6	14	46,000	45	180	0.5	0	8.0%	2.0%	67.7
STATE ROUTE 126	/m 157H \	0	24	21.000		100			0.00		
w/o Commerce Center Drive (Travel Village) w/o Potrero Valley Road (Ventura County)		8	24	34,000	5 5	100	0,5	0	8.0%	2.0%	72.9
VALENCIA BOULEVARD		8	24	32,000	55	100	0.5	0	8.0%	2.0%	72.6
	rney Road (SFR)	8	14	60,000	45	103	0.5	-5	8.0%	2.0%	68.2
	ney Road (MFR)	8	14	60,000	45	88	0.5	- 5	8.0%	2.0%	69.6
w/o McBean Parkway (MFR)		8	14	66,000	45	80	0.5	0	8.0%	2.0%	75.9
w/o Magic Mountain Parkway (Valencia Library) NEWHALL RANCH ROAD		6	14	55,000	45	80	0.5	0	8.0%	2.0%	74.4
w/o Hillsbo	rough Way (SFR)	6	14	67,000	45	93	0.5	-5	8.0%	2.0%	69.1
w/o Hillsborough Way (Park)		6	14	67,000	45	143	0.5	0	8.0%	2.0%	70.9
w/o Bouquet Canyon Road (MFR)		6	14	64,000	45	73	0.5	-5	8.0%	2.0%	70.8
MAGIC MOUNTAIN PARKWAY											
•	ndo Road (MFR)	6	14	51,000	40	63	0.5	0	8.0%	2.0%	75.3
ORCHARD VILLAGE											
	Parkway (SFR)	6	14	41,000	45	42	0.5	-5	8.0%	2.0%	76.4
s/o McBean Parkway (Pinecrest School) s/o Wiley Canyon Road (SFR)		6	14	41,000	45	96	0.5	0_	8.0%	2.0%	71.7
,	nyon Road (SPR)	6	14	31,000	45	42	0.5	- 5	8.0%	2.0%	75.2
LYONS ROAD		6	14	20 000	45	54	0.5	-	0.00/	0.00	E1 /
e/o Wiley Canyon Road (SFR)		6	14 14	38,000	45 45	200	0.5	-5 0	8.0%	2.0%	71.6
e/o Wiley Canyon Road (elementary school)		6	14 14	38,000 43,000		61	0.5	0	8.0%	2.0%	66.2 75.8
e/o Orchard Village Drive (church/school)		0	14	43,000	45	01	0.5	U	8.0%	2.0%	75.8
SAN FERNANDO ROAD/BOUQUET CANYON ROAD		. 6	14	56,000	45	50	0.5	0	8.0%	2.0%	79.3
s/o Placerita Canyon Road (mixed residential) ROCKWELL CANYON ROAD		Ü	14	30,000	40	50	0.5	U	0.070	2.070	79.3
	n Parkway (SFR)	4	14	20,000	45	114	0.5	0	8.0%	2.0%	67.1
WILEY CANYON ROAD	ii Turkway (51 K)	-	1.1	20,000	4.7	111	0.0	U	0.070	2.070	07.1
	yons Road (SFR)	6	14	25,000	45	42	0.5	-5	8.0%	2.0%	74.3
n/o Lyons Road (•	6	14	25,000	45	50	0.5	0	8.0%	2.0%	75.8
	ournament (SFR)	6	14	22,000	45	42	0.5	-5	8.0%	2.0%	73.7
THE OLD ROAD				111,000	20	_	0.0	Ü	0.070	21070	70.7
s/o Magic Mountair	Parkway (MFR)	6	14	24,000	40	150	0.5	0	8.0%	2.0%	65.2
WESTRIDGE PARKWAY	•										
n/o Valencia	Boulevard (SFR)	4	0	0	40	49	0.5	-5	8.0%	2.0%	#NUM
n/a = data not available											
(1) Distance to centerline of roadway.			_								
Assumed 24-Hour Traffic Distribution:		Day	Evening	Night							
Total ADT Volumes		78.00%	12.00%	10.00%							
Medium-Duty Trucks		77.00%	10.00%	13.00%							
Heavy-Duty Trucks		75.00%	7.00%	18.00%							